

ΟΛΥΜΠΙΑ ΔΩΜΑΤΑ

OR AN

ALMANACK

for the Year of our

LORD GOD

1688.

Being the Bissextile or Leap-year, and
from the Worlds Creation, 5637.

Wherein is contained the Lunations, Conjunctions and Aspects of the Planets, the increase, decrease and length of the day and night, with the rising, southing and setting of the Planets, and Fixed Stars throughout the Year, whereby may be known the exact hour of the night at all times, when either the Moon or Stars are seen.

Calculated according to Art and referred to the Horizon of the ancient and renowned Burrough-Town of Stamford, whose Longitude is 23 deg. 50 minutes. Latitude 52 deg. 41 min. fitting all the middle Counties of ENGLAND, and without sensible error the whole Kingdom.

By JOHN WING Mathematic.

CAMBRIDGE.

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University, 1688.

Wing 1688.

Common Notes for this present Year,
according to the

Julian, English
or old account.

Gregorian
or new account.

17	The Golden Number	17
17	The Cycle of the Sun	17
7	The Epact	27
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11	The Roman Indiction	11

The Terms and their returns this Year.

Hilary Term begins January 23, and ends February 17, and hath 4 returns, viz.	Octab. Hilary. January	30
	Quind. Hilary. Jan.	27
	Craft. Parif. February	3
	Octab. Parif. February	9
	Quind. Pasch. April	30
Easter Term begins May 2, and ends May 28, and hath 5 returns.	Tres Pasch. May	7
	Menf. Pasch. May	14
	Quinq. Pasch. May	31
	Craft Ascen. May	35
	Craft Trin. June	31
Trinity Term begins June 15, ends July 4, and hath 4 returns.	Octab. Trin. June	18
	Quind. Trin. June	25
	Tres Trin. July	2
	Tres Mich. Octob.	20
	Menf. Mich. Octob.	27
Michaelmas Term be- gins October 23, and ends November 29, and hath 6 returns.	Craft. Anim. November	3
	Craft. Mart. November	10
	Octab. Mart. November	18
	Quind. Mart. November	25

The bright and glorious Planet Venus is our Morning-
Star untill S. Bartholomew day, which is August the 24,
from thence to the Years end she will be our Evening-
Star.

Wing 1688.

A plain and easie Table shewing the true Interest due upon any Sum of Money from five Shillings to an Hundred Pounds, for a Year or under, after the rate of Six Pounds in the Hundred.

	1 month			3 months			5 months			7 months			A Year.		
	sh.	p.	q.	sh.	p.	q.	sh.	p.	q.	sh.	p.	q.	sh.	p.	q.
5	0	0	10	0	3	0	1	3	0	1	2	0	3	1	
10	0	0	20	1	3	0	3	2	0	5	0	0	7	0	
15	0	0	30	2	4	0	5	1	0	8	2	0	10	1	
1	0	1	00	3	2	0	7	0	0	10	2	1	2	1	
2	0	2	10	7	0	1	2	1	1	9	1	2	4	2	
3	0	3	20	10	2	1	9	1	2	7	3	3	6	3	
4	0	4	31	2	1	3	4	2	3	6	3	4	9	0	
5	0	6	01	6	0	3	0	0	4	6	0	6	0	0	
6	0	7	01	9	2	3	7	0	5	4	2	7	2	1	
7	0	8	12	1	0	4	2	1	5	3	1	8	4	2	
8	0	9	22	4	2	4	9	1	7	1	3	0	6	3	
9	0	10	32	8	1	5	4	2	8	0	3	10	9	0	
	po.	sh.	p.	po.	sh.	p.	po.	sh.	p.	po.	sh.	p.	po.	sh.	p.
10	0	1	00	3	0	0	6	0	0	9	0	0	12	0	
20	0	2	00	6	0	0	12	0	0	18	0	1	4	0	
30	0	3	00	9	0	0	18	0	1	7	0	1	16	0	
40	0	4	00	12	0	1	4	0	1	16	0	2	8	0	
50	0	5	00	15	0	1	10	0	2	5	0	3	0	0	
60	0	6	00	18	0	1	16	0	2	14	0	3	12	0	
70	0	7	01	1	0	2	2	0	3	3	0	4	4	0	
80	0	8	01	4	0	2	8	0	3	12	0	4	16	0	
90	0	9	01	7	0	2	14	0	4	1	0	5	8	0	
100	0	10	01	10	0	3	0	0	4	10	0	6	0	0	

Find the Principal in the first Column, and in the other you have the Interest due for one, three, six, nine, or twelve months.

Wing 1688.

A Regal Table in a more exact manner.

The Year, Month and Day, (accounting the Year to be- gin Jan. 1.) whereon every K. and Q. of Eng. since the Conq. began their reign.			The number of Years, Months, & Days, that ev. ry K. and Q. reigned 28 da. to a mon.			The num. of y. expired in this y. since they began to reign: as also since they ended.		
K. W. C. n ^o .	1066	Octob. 14	10	7	11	m	12	d 622
W. Rufus	108	Sept. 9	12	7	11	m	18	d 601
Henry	110	August 13	35	7	4	m	11	d 588
Stephen	113	Decem. 2	18	7	11	m	18	d 553
Henry	1154	Octob. 25	34	7	9	m	2	d 534
Richard	118	July 6	9	7	9	m	0	d 459
John	1195	April 6	17	7	7	m	0	d 439
Henry	1210	Octob. 19	56	7	1	m	0	d 472
Edward	127	Nov. 16	34	7	8	m	6	d 416
Edward	1307	July 7	19	7	7	m	5	d 381
Edward	1327	an. 25	50	7	5	m	7	d 361
Richard	1377	June 21	22	7	3	m	14	d 311
Henry	1395	Sept. 29	13	7	6	m	3	d 289
Henry	1413	March 20	9	7	3	m	24	d 275
Henry	1422	Aug. 31	38	7	5	m	16	d 266
Edward	1461	March 4	22	7	1	m	8	d 217
Edward	1483	April 9	0	7	1	m	18	d 205
Richard	1483	June 22	2	7	2	m	5	d 205
Henry	1485	Aug. 22	23	7	10	m	24	d 203
Henry	1505	April 22	17	7	10	m	2	d 179
Edward	1547	Jan. 28	6	7	5	m	19	d 141
Q. Mary	1553	July 6	5	7	1	m	22	d 135
Q. Elizab.	1558	Nov. 17	14	7	4	m	15	d 130
James	1603	March 24	22	7	0	m	3	d 85
Charles	1625	March 27	22	7	11	m	3	d 63
Charles	1649	Jan. 30	36	7	0	m	7	d 9
James	1685	Febr. 6	Long live the King.					3 Charles

True Wisdom planted in the hearts of Kings
Needs no more glory than the glory it brings.
And like the Sun is view'd by his own light
Being by his own reflection made more bright,
We happy are in this King JAMES His Reign,
Whom God grant Health and Life long to remain.

To

To find the true time of the Suns rising
and setting.

IN the third Column of the Almanack amongst the
Festival days you have the hour and minute of the
Sun rising and setting set down every fourth or fifth day
in the Year.

To find the exact time of the Moons coming
to the South.

IN the following Table you have the hour and minute of
the Moons coming to the South, ready set down against
the day of the Month, for every day in the Year, therefore
find your month on the top of the Table, and your day in
the first row on the left hand under the title, Days; and in
the angle of meeting you have the time of her Southing
desired. As upon the first day of *January* you may find by
the Table that the Moon will be South at . min. in the
the 2 day at . min. past . and so on.

To find the time of the Moons rising
and setting.

TO find the time of the Moons rising or setting look in
the last Column of the left hand Page of the Alma-
nack, under the title, The Moons rising and setting, and
right against the day of the month, you have the same with-
out any further trouble, it being so easie I think it needless
to explain it any further.

To find the time of high Water at *London* bridge.

TO find the time of High Water at *London* Bridge, look
in the second Column of the right hand Page of the
Almanack, and against the day of the month you will find
the hour and minute of High Water at *London* Bridge.

Wing : 688.

A Table shewing the hour and minute of the Moons
coming to the South the first six Month's
of this Year, 1688.

D.	Jan.	Feb.	Mar.	April	May	June
1	7 A	2 8 A	23 8 A	13 9 A	23 9 A	30 10 A
2	8	5 9	20 9	3 10	7 10	15 11
3	8	50 10	11 9	52 10	47 11	0 12
4	9	45 11	1 10	34 11	30 11	44 0 M
5	10	34 11	48 11	20 12	11 12	38 1
6	11	30 12	30 12	0 0 M	11 0 M	38 1
7	12	25 0 M	30 0 M	0 0	53 1	20 2
8	0 M	25 1	4 0	37 1	42 2	13 3
9	1	9 1	48 1	18 2	33 3	9 4
10	1	57 2	28 2	3 3	24 4	5 5
11	2	33 3	9 2	46 4	16 4	59 6
12	3	2 3	55 3	31 5	11 5	54 7
13	3	53 4	43 4	23 6	10 6	43 7
14	4	34 5	29 5	15 7	3 7	30 8
15	5	14 6	24 6	13 7	56 8	21 9
16	6	0 7	17 7	9 8	46 9	13 10
17	6	48 8	18 8	4 9	41 10	8 11
18	7	35 9	13 9	0 10	29 11	6 12
19	8	31 10	12 9	54 11	25 12	5 1 A
20	9	32 11	11 10	51 12	24 1 A	2 2
21	10	33 12	7 11	45 1 A	22 1	58 3
22	11	32 1 A	3 12	41 2	21 2	54 3
23	12	31 1	54 1 A	34 3	19 3	45 4
24	1 A	25 2	47 2	33 4	15 4	35 5
2	2	20 3	42 3	30 5	11 5	17 5
25	3	10 4	39 4	26 5	58 6	2 6
27	4	3 5	35 5	23 6	43 6	43 7
28	4	53 6	27 6	17 7	25 7	22 7
29	5	46 7	21 7	7 8	8 8	3 8
30	6	38	8 8	4 8	48 9	29 9
31	7	30	8 40	9	50	

Wing 1688.

A Table shewing the hour and minute of the Moons
coming to the South the last six Months
of this Year, 1688.

	July	Aug.	Sept.	Octob.	Nov.	Dec.
1	10 A 27	12 6	0 M 39	1 M 28	3 M 12	3 M 31
2	11 30	0 M 6	1 43	2 25	4 8	4 20
3	12 34	1 32	2 40	3 24	4 58	5 8
4	0 M 34	1 53	3 39	4 21	5 48	5 46
5	1 30	2 51	4 29	5 19	6 34	6 26
6	2 21	3 43	5 25	6 14	7 15	7 6
7	3 13	4 36	6 22	7 5	8 0	7 50
8	4 7	5 29	7 19	7 54	8 40	8 27
9	4 55	6 28	8 11	8 40	9 20	9 10
10	5 44	7 20	8 57	9 21	10 5	10 0
11	6 26	8 17	9 44	10 11	10 47	10 51
12	7 29	9 13	10 31	10 41	11 31	11 43
13	8 42	10 4	11 16	11 22	12 20	12 36
14	9 21	10 53	12 0	12 8	1 A 8	1 A 28
15	10 23	11 41	0 A 39	0 A 51	2 4	2 22
16	11 20	12 26	1 21	1 36	2 57	3 11
17	12 9	1 A 6	2 0	2 27	3 49	4 0
18	0 A 56	1 46	2 48	3 18	4 41	4 44
19	1 42	2 31	3 34	4 7	5 28	5 31
20	2 25	3 13	4 20	5 4	6 21	6 22
21	3 7	3 55	5 17	5 54	7 9	7 12
22	3 47	4 40	6 11	6 48	8 0	8 10
23	4 27	5 28	7 4	7 38	8 47	9 3
24	5 9	6 22	7 53	8 30	9 40	9 58
25	5 56	7 12	8 39	9 22	10 36	11 0
26	6 41	8 8	9 43	10 13	11 36	12 4
27	7 32	9 4	10 35	11 9	12 37	0 M 4
28	8 24	10 11	11 31	12 4	0 M 37	1 3
29	9 19	10 57	12 27	0 M 4	1 44	1 52
30	10 16	11 48	0 M 27	1 30	2 40	2 44
31	11 14	12 39	1 12	2 8	3 3	27
			A 4			Jan.

January hath xxxi days.

- Full moon the 7 day, 10 min. past 2 afternoon.
- ☾ Last quarter the 15 day, 48 min. past 5 afternoon.
- New moon the 22 day, 10 min. past 11 at night.
- ☾ First quarter the 29 day, 55 min. past 1 afternoon.

1	Circumcision	8	16	♂. Δ ♀ D. 1.	2	M 43
2	Orth	21	47	F. oft with hail.	3	56
3	Sun rif. 8. 4.	5	II	9 ♀ D 12 ♂ ♀ D 45	10	10
4	Jerusalem	18	21	□ h ○. Δ h D 11. 6	15	15
5	Simoon	1	24	♂ ♀ D 16 □ ♂ D 22 7	0	0
6	Epiphany	14	21	Expect much snow	7	55
7	Sun fet. 4. 2.	26	54	about this time.	Full	55
8	1 after Epiph.	9	21	Δ ♂ D 11 Δ ♀ D 55	A	50
9	Marcell.	21	37	* b D 6. Cloudy.	6	58
10	Paul Erem.	4	42	Δ ♀ D 14 □ ♀ D 22 7	55	55
11	Sun rif. 7. 52.	15	39	Apog. Snow with 9	0	0
12	Matyrus	27	30	frost still remains	10	20
13	Milary	9	17	□ ♀ D 5. ♂ ♂ D 18 11	35	35
14	Felix	21	7	h D 6. feasonable	12	51
15	2 after Epiph.	3	m	4 ♀ ♀. * ♀ D 18 0	M	51
16	Sun fet. 4. 16.	15	15	Not so cold as at 2	0	0
17	Anthony	27	45	the beginning.	3	3
18	Mistica	10	36	Δ ♂ D 20 ♂ ♀ D 22 4	7	7
19	Sun rif. 7. 39.	23	57	Perhaps rain about	5	1
20	Feb. Seb.	7	50	♂ ♀ D 10 ♀ ♀ D 18 6	15	15
21	Agnes	22	58	* h ♀. □ h D 3.	7	20
22	3 after Epiph.	6	49	this time.	New	20
23	Term begins.	21	48	♂ h ♂. Δ h D 5.	A	32
24	Sun fet. 4. 28.	6	39	□ h ♀. * ♀ D 13.	7	3
25	Conv. S. Paul	21	47	Perig. □ ♀ D 12 8	30	30
26	Holcarpi	6	29	□ ♂ ♀. □ ♀ D 13.	2	57
27	Sun rif. 7. 12.	25	55	h D 7. ♂ D 11	11	21
28	Carolus m.	4	59	♂. Δ ♀ D 8.	2	40
29	4 after Epiph.	18	43	Remission of cold.	0	M 40
30	K. Ch. 1. mar.	2	II	7 Δ ♀ D 0. Uncon-	1	50
31	Sun fet. 4. 43.	15	17	stant weather.	12	54

January 1688.

The { 11 day at 6 at night. h
19 day at 10 in the morn. ♀
20 day at 10 at night ♂
21 day at 6 in the morn. ♀
27 day at 11 at night ♂ } is with the Moon.

D. Rising.

Moon's Rising.

Moon's Setting.

1	10	A	8	
2	11	11		Seven Stars south 55 min. past 7 at night.
3	11	56		Seven Stars sets at 4 in the morning.
4	12	51		<i>Natalis Ciceronis.</i>
5	1	M	40	Jupiter rises a little before the Sun.
6	2		36	Day 8 hours long.
7	3		25	
8	3		25	He is the wisest man that remembreth most,
9	4		15	and joynes those remembrances together to the
10	5		3	best purposes of discourse.
11	5		39	Mars south 46 min. past 4 afternoon.
12	6		8	
13	6		59	Aldebaran south 56 min. past 7 at night.
14	7		40	Aldebaran sets 24 min. past 3 in the morn.
15	8		20	
16	9		6	Day 8 hours and an half long.
17	9		54	
18	10		41	Seven Stars south 46 min. past 6 at night.
19	11		37	Seven Stars sets 57 min. past 2 in the morn.
20	12		38	
21	1	A	39	
22	2		38	
23	3		37	Saturn riseth 30 min. past 11 at night.
24	4		31	<i>O rerum Natura obscuritas.</i>
25	5		26	Day 9 hours long.
26	6		16	Pracepe south 45 m.n. past 10 at night.
27	7		9	Great Oog south 7 min. past 9 at night,
28	7		59	and sets 46 min. past 1 in the morn.
29	8		52	
30	9		44	
31	10		36	Lyons Heart south 20 min. after midnight.

February hath xxix days.

- Full moon the 6 day, 2 min. past 8 in the morning.
- ☾ Last quarter the 14 day, 30 min. past 11 before noon.
- New moon the 21 day, 20 min. past 9 in the morn.
- ☾ First quarter the 28 day, 40 min past 1 in the morn.

☾	☾	Ho. days with Moons	Planets Aspects & Moons ris
☾	☾	Suns ris & set. Signs.	change of Air. & setting.
1	D	Widget	28 π 13 * δ D 4. δ δ D 17. 3 M 49
2	e	Purification	15 \mathfrak{S} 57 Δ \odot h. δ π D 10. 4 46
3	f	Sun ris. 7. 12.	23 28 \square h D 2. \square δ D 16. 5 44
4	g	Agnes	5 Ω 45 δ δ D 8. Moderatly 6 43
5	h	5 after Epiph.	18 6 * h. D 12. warm 7 43
6	h	Docthy	0 π 12 with showers. Full 8 43
7	e	Sun set. 5. 6.	12 11 Δ π D 11. Δ δ D 2 5 A 70
8	D	Salome	23 6 D Apog. Fair and 6 43
9	e	Spol'on.	5 \mathfrak{S} 54 \square δ D 21. clear. 7 58
10	f	Scholast.	17 44 Δ \odot D 10. δ δ D 16. 9 13
11	g	Sun ris. 6. 57.	29 36 δ π δ . Variable 10 23
12	h	Septuagesima	11 m 36 and unconstant 11 56
13	h	Agabus	23 46 Δ h δ . \square δ D 2. 12 18
14	e	Sun set. 5. 10.	6 π 14 weather. 0 M 18
15	D	Justin.	19 2 * h D 10. * δ D 18 2 17
16	e	Juliana	2 π 19 * \odot D 11. Δ δ D 15 3 58
17	f	Sun ris. 6. 43.	16 4 \square h δ . \square h D 12. 5 6
18	g	Concord.	0 π 19 \square δ D 18. Rough 5 50
19	h	Sexagesima	15 2 Δ h D 13. and tur- 6 21
20	h	Eucharist.	0 \times 0 * δ D 20. δ δ D 11 6 43
21	e	Sun set. 5. 26.	15 19 * π D 7. * δ D 23 New 7 A 2
22	e	Cath. Petr.	0 γ 33 D Perig. bulent. 7 A 2
23	g	Berenus	15 37 * \odot δ . δ h D 13. 8 31
24	f	S. Matthias	0 δ 20 D Ω . \square δ D 4. 10 0
25	g	Sun ris. 6. 26.	14 40 * δ δ . Δ π D 10. 11 25
26	h	Shrove Sund.	28 34 \odot δ . Δ δ D 11. 12 48
27	h	Fortuna.	12 π 3 * π δ . Δ h D 10. 0 M 48
28	e	Sun set. 5. 5.	25 11 Gentle winds and 2 7
29	f	Ingram	8 \mathfrak{S} 58 fair weather. 3 16

☾

☾

☾

LIM

February 1688.

{ 11 day at 2 in the morn. ♄ }
 { 17 day at 5 at night ♄ } is with the Moon.
 { 18 day at 3 in the morn. ♀ }
 { 20 day at 11 at night ♀ }
 { 25 day at 3 afternoon ♂ }

High Water at London Bridge.

H. M.

11 A 29

Day 9 hours and an half long.

12 26

Seven Stars south 45 min. past 5 at night.

1 M 17

Seven Stars sets at 2 in the morning.

2 7

Aldebaran south 24 min. past 6 at night.

2 54

South Affelli south 5 m. after midnight.

3 36

3 36

4 10

4 54

Arcturus south 30 min. past 1 in the morn.

5 34

Day 10 hours long.

6 15

Jupiter riseth about 5 in the morning.

7 1

Haly filius Abenragel nascitur anno 356.

7 50

8 35

9 30

10 23

Day 10 hours and an half long.

11 24

Mercury is near the Sun.

12 19

Seven Stars south 45 min. past 4 afternoon.

1 A 18

Seven Stars sets near 1 in the morn.

2 17

3 13

4 9

5 0

Day 11 hours long.

5 53

We may not believe every Argument that is

6 48

shewed us upon the sight, but must open it, and

7 45

search it, and look it through, for often times it

8 41

seemeth otherwise then it is, it seemeth strong

9 33

without, when it is weak within, Socrates.

10 27

Lesser Dog sets 40 min. past 2 in the morn.

March hath xxxi days.

- Full moon the 7 day, 15 min. past 2 in the morn.
- Last quarter the 15 day, 10. min. past 2 in the morn.
- New moon the 21 day, 15 min. past 6 at night.
- First quarter the 28 day, 30 min. past 3 afternoon.

1	D	Albinus	22	33	h D 5. Δ q D 11	4	M 10
2	r	Sun rif. 6. 16.	2	Ω 52	♂ ♀ D 16. Winds.	4	51
3	f	Tunigur	15	2	* h D 16. ♂ D 11	5	22
4	⊙	1 Sund. Lent.	27	6	producing showers	5	45
5	a	Eusebius	9	3	Δ * ♂. of rain.	6	0
6	b	fr. deitch	20	56	Δ * D 2. Δ ♂ D 3.	6	28
7	c	Sun set. 5. 54.	2	48	D Apog. ♂ q D 10.	Full	●
8	D	Cyprian	14	39	♂ h D 16. * D 16	7	A 5
9	r	Prudent.	26	33	Fair and dry with	8	25
10	f	Sun rif. 6. 0.	8	m 30	D ♀. gentle winds	6	40
11	⊙	2 Sund. Lent	20	36	h * * D 4.	11	16
12	a	Gregory	2	7	51 Storms of cold hail	12	45
13	b	Erasmus	15	22	Δ h ♀. * h D 13	0	M 45
14	c	Sun set. 6. 8.	28	11	or rain now abouts.	2	3
15	D	Longinus	11	22	♂ h ♀. h D 19.	3	15
16	r	Pyriacus	24	58	h ♀. Δ ♂ D 8.	4	7
17	f	Gertrude	9	3	Δ h D 21.	4	43
18	⊙	3 Sund. Lent	23	33	♂ D 12 ♂ ♀ D 9	5	4
19	a	Sun rif. 5. 42.	8	* 26	Morning frost with	5	22
20	b	Rupert	23	36	D Perig. * * D.	5	38
21	c	Benedict	8	51	♂ ♀. ♂ h D 20.	New	●
22	D	Sun set. 6. 25.	24	1	sunshine days.	7	A 47
23	r	Sotcredus	8	55	D Ω. h D 0.	9	13
24	f	Quirinus	23	30	Δ * D 1 ♂ ♂ D 19	10	37
25	⊙	Lady day	7	36	* ♂ D 15. Seaso-	11	58
26	a	Sun rif. 5. 27.	21	15	nable weather.	12	15
27	b	Jo. Erem.	4	28	Δ ♀ D 10 * ♀ D 11	M 15	15
28	c	Gideon	17	15	h D 8 * D 18	2	13
29	D	Eustichius	29	45	* ♂ D 16. ♀ D 11	3	0
30	r	Sun set. 6. 42.	11	Ω 59	Δ ♂ D 17 * * D 18	3	35
31	f	Balbina	24	2	♂ ♂ h. Δ q D 19.	3	57

Moons rising

Moons setting

March 1688.

{ 9 day at 4 in the morn. ♀
 16 day at 9 in the morn. ♀
 18 day at 9 at night ♀
 22 day at midnight ♀
 29 day at 2 in the morn. ♂ } is with the Moon.

14	A	19	Day 11 hours and an half long.
12		9	
10	M	8	Seven Stars rises 40 min. past 7 in the morn.
1		40	Seven Stars sets 8 min. after midnight.
2		26	<i>How empty pastimes do resolve and fly</i>
3		6	<i>To their true nothing, when true wisdom's by.</i>
3		6	
3		43	
4		24	
5		9	Day 12 hours long.
5		52	Scorpions Heart rises about midnight.
6		37	Virgins Girdle south 40 m. after midnight.
7		29	
8		21	
9		19	Seven Stars rises at 7 in the morn.
10		15	Seven Stars sets 25 min. past 11 at night.
11		10	Day 12 hours and an half long.
12		6	<i>Exurgat Deus dissipentur inimici.</i>
1	A	0	<i>Natalis Ovidii.</i>
1		57	
2		51	
3		47	
4		40	North Ballance rises 40 m. past 8 at night.
5		39	Day 13 hours long.
6		36	Saturn south 30 min. after midnight.
7		34	
8		29	
9		23	Scorpions Heart rises 40 m. past 11 at night.
10		13	and is south at 3 in the morn.
11		10	North Ballance south 30 m. past 1 morn.
11		46	<i>Charitas facit nos apud unum cum Deo.</i>

April hath xxx days.

- Full moon the 5 day, at 7 at night.
- ☾ Last quarter the 13 day, at 1 afternoon.
- New moon the 20 day, 30 min. past 4 in the morn.
- ☾ First quarter the 27 day, 15 min past 7 in the morn.

1	Sun. in Leni	6	♂	0	☉ ☿ D 6.	8 ♀ D 21	4	M
2	a Sun rif. 5. 12.	17	51	A	healthfull air.		4	26
3	b Chriftian.	29	41	D	Apogzon.		4	47
4	c Ambrose	11	33	d	h. D 18. Δ ♂ D 0		5	13
5	d Vincent	23	29	D	Eclip. ☿ D 4.	Full		
6	e Sun fer. 6. 56	5	m 20	D	V. Gentle winds		8	A 25
7	f Telestin.	17	38	Δ V D 16	♀ D 11		9	10
8	g Palm Sunday	29	54	producing moderate			10	36
9	a Hilbinus	12	T 22	*	♄ ♀ * h D 15.		12	3
10	b Gzechtel.	25	3	☉ ☿ . Δ ♀ D 11.		I M		
11	c Sun rif. 4. 54	7	v 59	☿ h D 22.	showers.		2	12
12	d Julian	21	11	♄ ♀ D 9.	* ☿ D 14.		2	57
13	e Justinus	4	42	Δ ♂ D 22.	Fair		3	20
14	f Tiburtius	18	34	Δ h D 3.	* ♀ D 16		3	38
15	g Easter day	2	X 48	*	☉ D 7. and clear.		3	53
16	a Sun fer. 7. 16.	17	24	☿ ♀ . Δ ♀ D 15.			4	19
17	b Anicetus	2	13	Δ h ♂ . ☉ ♀ D 4.			4	20
18	c Spollon.	17	14	D Perig. ☿ D .			4	31
19	d Sun rif. 4. 39	2	8 15	D	♄. The weather		4	47
20	e Sulpitius	17	10	☉ Eclipsed. Invisible	New			
21	f Delar	1	II 45	*	♀ D 15.		9	A 32
22	g Low Sunday	15	58	still temperate			10	53
23	a S. George	29	45	☿ ♀ D 23.	and		12	6
24	b Gilbertus	13	3	☿ h D 12.	good.		0	M 6
25	c S. Mark	25	56	*	♄ ♀ 12. ☿ ♀ D 22		0	38
26	d Helius	8	Ω 27	*	h D 20. Δ ♀ D 14		1	41
27	e Sun fer. 7. 34.	21	0	*	♄ D 11. Δ ♀ D 9.		2	10
28	f Vitalis	2	m 40	Stormy weather.			2	90
29	g 2 after Easter	14	33	♄ h ♀ . Δ ☉ D 10.			2	45
30	a Joshua.	26	20	☿ ♀ . ☉ ♂ D .			2	57

April 1688.

5 day at 6 in the morn. h
 17 day at 4 afternoon q
 The 19 day at 1 in the morn. q
 23 day at 1 in the morning d
 25 day at 1 afternoon x

is with the Moon.

12	29	
1 M	13	Seven Stars rises 52 min. past 5 morn.
1	53	Day 13 hours and an half long
2	36	Seven Stars sets 15 min. past 10 at night.
3	17	
3	17	Natalis Platonis.
3	52	In brief 'tis now a days too great a fault
4	48	T' have too much pepper, and too little salt.
5	39	Day 14 hours long.
6	30	
7	22	Lions Heart south 42 min. past 7 at night,
8	17	and sets at 3 in the morning.
9	16	Virgins Girdle south 36 m. past midnight.
10	9	
11	2	Saturn south at 11 at night.
11	52	Day 14 hours and an half long.
12	47	
1 A	35	Seven Stars at 5 in the morn.
2	31	Arcturus sets 35 min. past 7 in the morn.
3	30	Seven Stars sets 15 min. past 9 at night.
4	28	
5	27	
6	26	
7	21	Mercury becomes direct in motion.
8	17	Day 15 hours long.
9	2	
9	50	
10	31	Melius est, modica amaritudo faucibus,
11	14	quam Eternum tormentum in Visceribus, Ang.
11	54	Venus rises at 3 in the morning.

May hath xxxi days.

- Full moon the 5 day, 30 min. past 10 in the morn.
- Last quarter the 12 day, 50 min. past 7 at night.
- New moon the 19 day, 10 min. past 5 in the morn.
- First quarter the 26 day, 40 min. past 11 at night.

1	d	Phil. & Jacob.	8	≈	12	D Apog. o h D.	3	M	1
2	c	Term begins	20	6	☿ D 12 Δ ☿ D 20	3	21		
3	d	Invent. Cruc.	2	m	7	D ☿. Showers,	3	1	36
4	e	Sun rif. 4. 14	14	16	* ☿ D 22. soon	3	45		
5	f	Bothard	27	37	☿ ☿. after heat	Full	●		
6	g	3 Sun. af. East.	9	7	10	Δ ☿. * h D 18.	9	A	32
7	a	Sun set. 7. 51.	21	56	Δ ☿ D 13. Δ ☿ D 20	10	56		
8	h	Stanislaus	4	☿	55	and thunder, &c.	12	7	
9	c	Wolbe.	18	7	* ☿ ☿. ☿ h D 1.	o	M	7	
10	d	Sanctat.	1	≈	29	☿ ☿ D 1. ☿ ☿ D 6.	o	52	
11	e	Sun rif. 4. 3.	14	56	Δ h D 6. Fair and	1	25		
12	f	Gordian	28	54	Δ ☿ D 12. * ☿ D 10	1	46		
13	g	4 after Easter	12	X	56	* ☿ D 22. temperate	2	5	
14	a	Festuna	27	11	* ☿ ☿. ☿ ☿ D 17.	2	14		
15	h	Sophia	11	V	39	D Perig. ☿ h D.	2	25	
16	c	Sun set. 8. 2.	26	15	☿ ☿ D o. * ☿ D 20	2	40		
17	d	Yodocus	10	☿	52	D ☿. ☿ ☿ D 6.	2	55	
18	e	Renart	25	28	Δ ☿ D 2. A cool	3	12		
19	f	Sarah	9	II	54	Δ h D 15. air, and	New	D	
20	g	5 after Easter	24	2	seasonable for the	9	A	60	
21	a	Sun rif. 3. 54.	7	☿	47	☿ h D 18. ☿ ☿ D 7.	10	49	
22	h	Helena	21	6	* ☿ D 8. * ☿ D o.	11	33		
23	c	Wender.	4	☿	10	* ☿ D 18. season	12	6	
24	d	Ascension day.	16	44	* h D 2. ☿ ☿ D 4.	o	M	6	
25	e	Sun set. 8. 12.	28	54	Δ ☿ ☿ The weather	o	30		
26	f	Edward	10	m	50	* ☿ D 7. remains	o	48	
27	g	6 after Easter	22	44	D Apog. Δ ☿ D.	1	2		
28	a	Term ends	4	≈	32	Δ ☿ h. temperate	1	14	
29	d	K. Char. a. nat.	16	20	D ☿. ☿ h D 3.	1	22		
30	c	Wolgang	28	16	to the months end.	1	34		
31	d	Sun set. 8. 16.	9	m	19	☿ h ☿. Δ ☿ D.	1	48	

May 1688.

{ 2 day at 8 in the morn. h }
 { 10 day at 3 in the morn. x }
 The { 17 day at 11 before noon q } is with the Moon.
 { 17 day at 6 at night d }
 { 21 day at 7 at night o }

12	36	
1	M 21	Seven Stars rises 50 min. past 3 morn.
2	6	Day 15 hours and an half long
2	50	Seven Stars sets 22 min. past 8 at night.
3	44	Jupiter becoms Retrograde in m. tio.
3	44	
4	26	
5	18	
6	15	Bulls Eye sets 7 min. past 9 at night.
7	11	Vultures Tail south at 3 in the morn.
8	5	Antares south at midn ght.
9	0	Seven Stars rise 20 m. past 3 in the morn.
10	50	
10	36	Day 16 hours long.
11	27	Mars riseth near 7 in the morning.
12	19	Seven Stars sets 35 min. past 7 at night.
1	A 14	
2	12	What hast of proud flesh and blood to boast
3	11	Thy days are evil, as best, but few as most;
4	8	But sad as merriest, and but weak as strongest;
5	4	Unsure at surest, and but short as longest.
6	0	Sasurn south 30 min past 8 at night.
6	51	
7	41	
8	23	
9	8	
9	49	Virgins Girdle sets 40 m. past 2 in the morn.
10	28	Day 16 hours and an half long.
11	9	Arcturus south at 10 at night, and sets near
12	35	5 in the morn.
0	M 56	Jupiter riseth 31 min. past 10 at night.

June hath xxv days.

- Full moon the 3 day, 50 min. past 10 at night.
- ☾ Last quarter the 10 day, 25 min. past 8 at night.
- New moon the 17 day, 10 min. past 9 at night.
- ☾ First quarter the 25 day, 30 min. past 4 afternoon.

1	g	Ascamed.	22	m	37	*	♂	D	5	♂	♀	D	12	I	M	48
2	f	Sun rif. 3. 43.	5	7	12	*	h	D	23.	♂	♀	D	13	2		46
3	☉	Whit-Sunday	18			2				Pleasant	showers	of	Full	☉		
4	a	Matrinus	1	v	12					rain	now	abouts.	10	A		5
5	h	Bonifac	14		33	Δ	h	♀	.	☐	h	D	6.	10		40
6	c	Sun set. 8. 18	28		8	Δ	♀	D	12				11			20
7	d	Paul Ep.	11	∞	52	Δ	h	D	10	Δ	♀	D	21	11		45
8	e	Medardus	25		43	Δ	☉	D	4.	☐	♀	D	21	12		3
9	f	Barnim.	9	×	40					Expect	thunder	and	☉	M		4
10	☉	Trinity Sunday	23		41	♂	♂	.	*	♂	D	1.	0			20
11	a	S. Barnabas	7	v	44	☉	♀	.	♂	h	D	17.	0			31
12	d	Sun rif. 3. 41.	21		52	D	Perig.	☐	♂	D	.	0				45
13	c	Cyprian	6	♂	3	D	♂.			lightnings.		0				58
14	d	Valerius	20		15	Δ	♂	D	7.	*	♂	D	11.	I		13
15	e	Term begins	4	II	25	Δ	h	D	23.	♂	♀	D	20	I		32
16	f	Sun set. 8. 18.	18		28					Hot	and	unhealth-	I			56
17	☉	1 after Trin.	2	☉	19	Δ	h	♀.		full.				New		
18	a	Romer	15		52	☐	h	D	4.	♂	♂	D	14.	9	A	27
19	b	Gerhase	29		7	☐	h	♀.	☉	♂	D	1.	9			58
20	c	Regina	12	♂	2	*	h	D	11	*	♀	D	20	10		30
21	d	Sun rif. 3. 44.	24		35	♂	♂	♀.		Indifferent		10				50
22	e	Schactos	6	vx	50	*	☉	D	10		good	hay	11			4
23	f	Basilius	18		51	D	Apog.	Δ	♂	D	.	11				18
24	☉	S. John Bapt.	0	∞	40	*	♂	D	5.		weather	11				29
25	a	Sun set 8. 15.	12		7	♂	h	D	12.	☐	♂	D	20	11		38
26	b	Jeremias	24		13	D	♂.	Δ	♀	D	10.	11				49
27	c	Seb. Clerp.	6	m	7	Δ	☉	D	22.		to	the	11			58
28	d	Leo	18		13	☉	♂	♀.	Δ	♂	D	8.	12			13
29	e	S. Peter Apo.	0	7	36	☐	☉	h.	Δ	♂	D	12.	0	M		13
30	f	Sun rif. 3. 50.	13		19					months	end.		0			33

June 1688.

The } 6 day at 6 in the morn. ♄ }
 16 day at 8 in the morn. ♀ } is with the Moon.
 18 day at noon ☽ }
 19 day at 1 afternoon ☿ }
 25 day at midnight ♄ }

M 28	Grata acris temperies, lucidumque colum.
2 14	Seven Stars rise 53 min. past 1 morn.
3 11	Virgins spick se s at 1 in the morning.
3 11	Seven Stars sets 20 min. past 6 at night.
4 7	North Ballance sets 20 min. past 2 morn.
4 59	
5 54	
6 49	
7 42	Arcturus south 10 min. past 8 at night.
8 29	Seven Stars rises 20 min. past 1 morning.
9 20	Longest Day 16 hours 40 minutes long.
10 17	Scorpions Heart south at 10 at night.
11 10	Arcturus sets near 4 in the morn.
11 51	
12 45	
1 A 43	
2 40	Head of Andromeda rises 20 m. past 8 at nig.
3 41	Seven Stars rises 46 min. after midnight.
4 27	Virgins Spick south 16 m. past 6 at night.
5 28	Seven Stars sets 11 min. past 5 afternoon.
6 6	Gaudebunt homines, & erunt in glorie.
6 50	
7 33	
8 12	
8 55	
9 33	Swans Tail south half an hour after midnig.
10 14	Day 16 hours and an half long.
10 58	Carolus V. eligitur Imp. anno 1549.
11 42	Scheat riseth near 7 at night and is south
12 39	40 min. past 3 in the morn.

B 2

July hath xxxi days.

- Full moon the 3 day, 40 min. past 9 in the morn.
- Last quarter the 10 day, 15 min. past 4 in the morn.
- New moon the 17 day, 50 min. past 8 in the morn.
- First quarter the 25 day, 30 min. past 9 in the morn.

1	3 after Trin.	26	23	8 8 D 18. Cloudy	0 M
2	a Visir. V. Mary	9	29	6 0 2. and incli-	1
3	b Co. nelson	23	43	ning to rain.	Full
4	c term ends	7	36	Δ h D 17 c 8 D 39	30
5	d Anselm	21	48	Fair weather.	9
6	e Ipragor	6	4	* h 8. Δ 8 D 10	10
7	f Cemetrius	20	20	Δ 0 D 10. 2 2 D 10	10
8	4 after Trin.	4	31	Δ 8 D 13. 8 8 D 17	10
9	a Sun rif. 4. 0.	18	38	D Perig. 8 2 D.	10
10	b 7 Fraters	2	39	D 8. 0 8 D 18.	11
11	c Iuns	16	33	Δ 2 D 8. * 8 D 1.	11
12	d Sun set. 7. 55.	0	24	0 h 8. Hest,	11
13	e Margaret	14	7	8 2 8. Δ h 8.	12
14	f Bonavent.	27	44	* 8 D 2. thunder	0 M
15	5 after Trin.	11	23	8 2 8. 8 h D 13	1
16	a Sun rif. 4. 10.	24	45	and immoderate	1
17	b Alexius	7	34	* h D 10 8 8 D 20	New
18	c Waterius	20	4	weather.	8 A
19	d Dog days beg.	2	44	* h 8. 8 8 D 3.	9
20	e Elias	14	34	Δ 2 D 10. Showers	9
21	f Sun set. 7. 43.	26	29	D Apog. * 8 D.	9
22	6 after Trin.	8	10	8 h 8. 0 h D 22.	9
23	a Apollin.	20	22	D 0. * 8 D 2.	9
24	b Christina	2	7	0 8 D 2 * 8 D 12	10
25	c S. James Ap.	14	29	* 2 D 10 8 8 D 18	10
26	d Sun rif. 4. 25.	26	12	Δ 8 D 21. Seafo-	10
27	e Martha	8	29	* h D 21 8 8 D 4	10
28	f Panthel	21	12	Δ 8 D 6. nable to	11
29	7 after Trin.	4	22	Δ 8 D 13. the end	12
30	a Sun set. 7. 27.	17	56	8 h D 4. 2 D 1.	11 M
31	b German	1	57	of this month.	1

July 1688.

The { 3 day at 8 in the morn. γ
 16 day at 9 in the morn. δ
 18 day at 8 in the a. m. δ
 19 day at 3 after noon δ
 23 day at 10 in the morn. δ } is with the Moon.

M 33

36 Seven Stars riseth 50 min. past 11 at night.

40 Many are the threats of our enemies, but we
 need not care. Deus deus nobis bona.

36 S. sep. Hea t south 30 min. past 8 at night.

27 North Ballance sets at 1 in the morning.

20

23

1 Day 15 hours long.

50 Seven Stars rises 16. min. past 11 at night.

32 South Ballance south 45 min. past 6 at night.

35 Girdle of Andromeda ris. 40 m. past 6 night.

48 Fornabass riseth near mid. night.

27

A 29

26

15 Arcturus sets 36 min. past 1 in the morn.

2 Seven Stars rises 45 min. past 10 at night.

48 Head of Hercules south 30 m. past 8 at night.

31 Day 15 hours and an half long.

13 Seven Stars rises 40 m. n. past 10 at night.

53

33

35

2

9

47

38

30

25

22

20

20

20

20

20

20

20

20

Ense cadunt multi, crápula sed perimit plures.

North Ballance sets 15 min. past 11 at night.

Swans Tail south 20 min. past 11 at night.

Day 15 hours long.

Arcturus sets near 1 in the morning.

Seven Stars rises 56 min. past 9 at night.

B 3

August hath xxxi days.

- Full moon the 1 day, 50 min. past 6 at night.
- Last quarter the 8 day, 45 min. past 9 before noon.
- New moon the 15 day, at 10 at night.
- First quarter the 24 day, 30 min. past 7 in the morn.
- Full moon the 31 day, 20 min. past 3 in the morn.

1	Lammis Day	16	2	* ○ h. Δ h D 7.	Full	●
2	Poles	0	57	♂ ♀ D 18.	Very	8 A
3	Sun ris. 4. 41.	15	39	✕ ♀ D 1.	good	8
4	Tristarchos	5	20	D Perig.	harvest	8
5	8 after Trin.	14	55	♂ h D 10.	♂ ♀ D 69	1
6	Septus	29	16	Δ ♂ D 2 Δ ♀ D 209		19
7	Afra	13	24	D ♂. Δ ♀ D 7.		37
8	Sun set. 7. 10.	27	17	* h ♀. ♂ D 8.		46
9	Romanus	10	56	Δ h D 17.	weather	10
10	Laurence	24	23	* ♂ D 16. * ♀ D 10		57
11	Sun ris. 4. 56.	7	35	♂ ♀ D 17.	* ♀ D 310	44
12	9 after Trin.	20	41	⊠ h D 0.	Cloudy	12
13	Dippolte	3	32	yet nor late to hinder		0 M 45
14	Bestram	16	1	* h D 10.	harvest	1
15	Assump. Mary	28	38	♂ ♀. ♂ D 15.	New	1
16	Rochus	10	54	♂ ○ ♀. Δ ♀ D 12.		9 A 16
17	Sun set. 6. 53.	22	49	D Apogon.	Winds	7
18	Helena	4	51	♂ ♀ ♀.	producing	7
19	10 after Trin.	16	46	♂ h D 10.	* ♂ D 23	8
20	Bernard	28	34	D U. * ♀ D 19.		8
21	Athanasius	10	21	* ♀ D 13.	some	8
22	Sun ris. 5. 16.	22	17	□ ♀ D 16.	showers.	8
23	Sacheus	4	21	⊠ ♂ D 14.	□ ♀ D 139	9
24	S. Bartholom.	15	40	♂ ○ ♂ ♀ * h D 109		9
25	Audobic.	29	21	Δ ♀ D 0	Variable	10
26	11 after Trin.	12	57	⊠ h D 17.	♂ ♀ D 9	11
27	Sun set. 6. 34.	25	59	Thunder with		12
28	Dog days end	10	1	Δ ♀. Δ h D 20.		0 M 40
29	Decol. J. B.	24	28	Δ ○ ♀. ♂ D 9.		2
30	Sun ris. 5. 33.	6	17	* ♀ D 11.	♂ D 11	3
31	Basilus	24	19	showers.		Full

August 1688.

The { 15 day at 4 afternoon ♀
 16 day at 4 in the morn. ♀
 15 day at 3 in the morn. ♂
 19 day at 10 at night ♀
 26 day at 9 at night ♀ } is with the Moon.

M 6 Orion's Girdle South near 11 at night.
 6 Seven Stars South 5 min. past 6 in the morn.
 18 Seven Stars rises 45 min. past 9 at night.
 59 Lyons Tail sets 35 min. past 9 at night.

Day 14 hours and an half long.

M 23
 19 Seven Stars South 27 min. past 5 morn.

A 9 Joannes Baptista natus, anno 1530.

A 49 Day 14 hours long.

A 47 North Gallance sets at 10 at night.

33 Seven Stars rises 57 min past 8 at night.

12

52

37

10 Aldebaran South 40 min. past 5 in the morn.

1 Day 13 hours and an half long.

46 Castor riseth 50 min. past 10 at night.

34 Seven Stars rises 30 min. past 8 at night.

9 28 Seven Stars South 45 min. past 4 morn.

18

14

12 10 Antares South at 9 at night.

M 7 Virgin's Spick sets 20 min. past 7 at night.

3 Day 13 hours long.

A 34 Qui das poenitentiam veniam non semper dabis
 45 peccanti poenitentiam.

September hath xxx days.

- Last quarter the 6 day, 30 min. past 5 afternoon.
- New moon the 14 day, 50 min. past 1 afternoon.
- First quarter the 22 day, 45 min. past 4 afternoon.
- Full moon the 29 day, at noon.

1	f	Egðins	9	v	23	△♂δ. 11.	7	A	12
2	g	12 after Trin.	24	22	♂Ω. △♀D 14.	7	29		
3	a	Sun set. 6. 19	9	8	7	△♂D 12 △♂D 17	7	45	
4	b	Theodore	23	33		△♀D 4 ♀D 21	8	6	
5	c	Zachary	7	II	30	□♂D 21. Variable	8	30	
6	d	Sun ris. 5. 47.	21	18		△♂D 4 ♀D 13	9		
7	e	Regina	4	38		♂♂D 22. *♀D 8	9	40	
8	f	Nat Virg. Ma	17	41		☐♂D 11 *♂D 7	10	47	
9	g	13 after Trin.	0	Ω	29	*♀D 2. A clear	11	46	
10	a	Sun ser. 6. 5.	13	2		*♂D 21. air, and	12	55	
11	b	Theobald	25	25		seasonable weather.	0	M	55
12	c	Cobius	7	m	35	△♂♀. △♂D 18.	2	20	
13	d	Amatus	19	39		D Apog. ♂♂D 11.	3	40	
14	e	Sun ris. 6. 2.	1	37		♂♀D 13. Gentle	New		
15	f	Alcomed.	13	30		♂♂D 22. ♀D 8	6	A	6
16	g	14 after Trin.	26	29		D ♀. winds yet	6	25	
17	a	Ramert	7	m	9	△♂D 20. fair and	6	43	
18	b	Ferretulus	19	2		♂♀.*♂D 18.	5	98	
19	c	Sun set. 5. 47	1	7	1	*⊙D 13. clear.	7	17	
20	d	Faulstia	13	8		*♂D 23 *♀D 7	7	45	
21	e	S. Matthew	25	29		☐♂D 8. ☐♀D 18	8	24	
22	f	Haurice	7	w	56	☐♂♀. ♀D 18.	9	20	
23	g	15 after Trin.	20	55		☐♂D 9 *♂D 18	10	30	
24	a	Sun ris. 6. 2.	4	30		△⊙D 15 △♀D 8	11	98	
25	b	Ilerphas	18	21		△♂D 12 △♀D 6	12	30	
26	c	Cyprian	2	X	40	Hor & dry weather	1	M	30
27	d	Judith	17	20		D Perig. *♂D 10	3	21	
28	e	Sun sets 5. 28	2	V	27	♂♀. now hours.	4	M	40
29	f	S. Michael	17	42		♂♂D. D Eclipsed.	Full		
30	g	16 after Trin.	4	55		☐⊙. ♀. ♀.	5	A	57

September 1688.

13 day at 10 before noon ☽
 13 day at 11 at night ☿
 The 14 day at 11 afternoon ♀
 16 day at 10 before noon ♄
 23 day at 6 in the morn. ♂

☽ is with the Moon.

13	M 45	Scorpions Heart sets 12 min. past 7 at night.
14	42	Seven Stars South 12 min. past 4 morn.
15	46	Arcturus sets 30 min. past 10 at night.
16	45	Seven Stars rise 50 min. past 7 at night.
17	35	Day 12 hours and an half long.
18	31	
19	28	
20	25	
21	17	
22	3	Seven Stars rise 30 min. past 7 at night.
23	A 50	Sheat South about 11 at night.
24	37	Great Dog rises at 4 in the morning.
25	22	Day 12 hours long.
26	6	Seven Stars South 30 min. past 3 morn.
27	A 45	
28	27	Seven Stars rises 5 min. past 7 at night.
29	6	
30	54	
31	40	Lions Heart rises 20 min. past 2 in the mor.
1	26	Seven Stars South 8 min. past 3 in the mor.
2	23	Day 11 hours and an half long.
3	17	Arcturus sets 28 min. past 9 at night.
4	10	
5	39	
6	45	
7	49	Scorpions Heart sets 46 m. past 6 at night.
8	M 41	Day 11 hours long.
9	37	Punienti indulgentiam; sed dilato diei crastinum non promiss.
10	A 33	
11	33	Great Dog South 30 min. past 5 morning.

October hath xxxi days.

- ☾ Last quarter the 6 day, 55 min. past 5 in the morn.
- New moon the 14 day, 40 min. past 7 in the morn.
- ☾ First quarter the 22 day, at 4 in the morning.
- Full moon the 28 day, 15 min. past 9 at night.

1	a	Sun. rif. 6. 37.	17	8	59	Δ	♂	D	O.	A calm	6	A	24
2	b	Leodegar.	2	II	43	Δ	♂	D	8.	and serene	6		43
3	c	Simplic.	17		44	Δ	h	D	17.	Δ	♀	D	14
4	d	Francisc.	0	III	57	Δ	h	♀	Δ	♀	D	4.	7
5	e	Sun. set. 5. 15.	14	II	23	Δ	h	♀	♂	♂	D	8	8
6	f	Borella	27		25	Δ	♀	D	16.	Δ	♀	D	4
7	g	17 after Trin.	10	II	6	*	♂	D	O.	air for	10		40
8	a	Delagis	22		30	*	h	D	9.	* ♀	D	23	12
9	b	Dionysius	4	III	39	☉	h	*	♀	D	10.		0
10	c	Sun. rif. 6. 36.	16	III	41	Δ	♂	D	15.	some days.	1		20
11	d	Burchard	28	III	36	D	Apog.	(Δ	♂	D	18)	2	33
12	e	Walfride	10	III	20	Δ	♂	D	6.	Cloudy.	3		48
13	f	Sun. set. 4. 58.	22	III	17	D	♂	D	10.		3		7
14	g	K. Jam. 2. Born	4	III	9	☉	Eclipsed	visible.	New				
15	a	Petrus.	16		3	*	♂	D	7.	♂	♀	D	15
16	b	Salus	28	III	3					Showers of cold rain	3		39
17	c	Sun. rif. 7. 8.	10	III	11	*	♂	D	13.	or hail	5		36
18	d	S. Luke Ev.	22		27	*	♂	♀	*	h	D	12.	6
19	e	Matthias	4	III	56	*	♂	♀	D	10.		7	31
20	f	Wendelin.	17	III	36	Δ	h	D	10.	♂	♀	D	18
21	g	19 after Trin.	0	III	35					Unconstant weather	9		48
22	a	Sun. rif. 7. 18.	13		53	Δ	♂	D	11.	Δ	♀	D	22
23	b	Term begins	27		33	Δ	♂	♂	Δ	h	D	2.	12
24	c	Salome	11	III	36	D	Perig.	*	♂	D	16		0
25	d	Crispin	26		3	Δ	♀	D	6.	Δ	♀	D	9
26	e	Sun. set. 4. 33.	10	III	30	Δ	♂	♀	D	17.	3		54
27	f	Nicola	25	III	53	D	♂	♂	h	D	7.		5
28	g	Sim. & Jude	11	III	3	Δ	♂	D	11.	Ascen.	Full		
29	a	Sun. rif. 7. 33.	26		3					Impetuous air, and	4	A	40
30	b	Abolou	II	III						a healthfull.	5		75
31	c	Wolfgang	25		36	Δ	h	D	Δ	♂	D	6	0

October 1688.

The { 12 day at 6 at night ♂
13 day at 10 at night ♀
14 day at 5 in the morn. ♂
15 day at 1 afternoon ♀
20 day at 6 at night ♀ } is with the Moon.

14	M 34	Seven Stars rise at 6 at night.
24	31	Seven Stars South 24 min. past 2 morn.
26	30	Scorpions Heart sets near 10 at night.
27	27	Seven Stars rises at 6 at night.
28	25	Day 10 hours and 2 ⁿ half long.
29	20	Day 10 hours and 2 ⁿ half long.
30	11	Day 10 hours and 2 ⁿ half long.
31	0	Our works do not pass away as soon as they
32	46	are done (as they may seem to do) but as seeds
33	27	sown in time they rise up to all Eternity.
34	A 78	Bernard.
35	47	Day 10 hours long.
36	28	Alderman rises at 17 m. past 7 at night.
37	A 141	Pub. Virgilius nascitur ante Cbr. 67.
38	57	Pub. Virgilius nascitur ante Cbr. 67.
39	42	Pub. Virgilius nascitur ante Cbr. 67.
40	33	Pub. Virgilius nascitur ante Cbr. 67.
41	24	Seven Stars South 25 min. past 1 morn.
42	13	Seven Stars rises near 6 in the morn.
43	10	Seven Stars rises at 5 at night.
44	M 0	Day 9 hours and 2 ⁿ half long.
45	34	Lions Heart South 24 min. past 9 morn.
46	44	Day 9 hours and 2 ⁿ half long.
47	36	Day 9 hours and 2 ⁿ half long.
48	28	Day 9 hours and 2 ⁿ half long.
49	M 19	Day 9 hours long.
50	15	Day 9 hours long.
51	A 10	Summus solis ante, est forma bovis.
52	10	Seven Stars South 40 min. past mid-night.
53	16	Pracepe South 24 min. past 5 in the morn.
54	14	Luxuri prima diffut. contra indulg. an. 1517.

November hath xxx days.

- ☾ Last quarter the 4 day, at 6 at night.
- New moon the 13 day, 55 min. past 1 in the morn.
- ☾ First quarter the 20 day, 10 min. past 5 at night.
- Full moon the 27 day, at 8 in the morning.

1	d	All Saines	9	540	☾ h D 13. 8 22 6	A 30
2	e	Sun ris. 7. 39.	23	16	☾ 8. Frosty	31
3	f	Theophilus	6	22	* ☉ 2. Δ 8 D 8.	35
4	g	21 after Trin.	19	25	* h D 22 * 8 D 19	43
5	a	Powder plot	1	27	and winter life	44
6	b	Leonard	13	29	D Apog. Δ 2 D.	12
7	c	Sun set. 4. 12.	25	29	☾ h 8. weather.	0 M 18
8	d	Clauding	7	18	High winds pro-	1
9	e	Theodora	19	17	D 8. 24 D 9.	2
10	f	Wartin. B.	9	57	☾ h D 20. 8 D 3. 4	22
11	g	22 after Trin.	12	51	* 2 D 23. ducing	5
12	a	Sun ris. 7. 56.	24	53	store of cold rain	6
13	b	Eugenia	2	6	or hail, snow, &c.	New
14	c	Sun set. 4. 2.	19	26	* h D 23. ☾ D 11	4 A 25
15	d	Leopold	1	59	* 8 D 24. Fair and	5
16	e	Dimarus	14	40	☾ 2 D 19. friezing	6
17	f	Hugo	27	36	* ☉ D 17 ☾ h D 17	34
18	g	23 after Trin.	14	40	new about	9
19	a	Sun ris. 8. 6.	24	6	D Perig. Δ h D.	10
20	b	Amos	2	41	* h D 22 Δ 8 D 3.	12
21	c	Obl. V. Mary	21	31	* 2 D 8 ☾ 2 D 21	0 M 31
22	d	Ecclesia	1	39	Δ ☉ D 19. More	1
23	e	Sun ris. 8. 10.	20	6	D 6. 8 h D 20.	2
24	f	Thyslogon.	4	45	8 8 D 12 Δ 8 D 44	12
25	g	24 after Trin.	19	32	Δ 2 D 11. tempe-	5
26	a	Conradus	4	24	rate then at the be-	7
27	b	Santherus	19	10	Δ h D 22. 8 D 16	Full
28	c	Sun set. 3. 45.	2	39	Δ 8 D 19. 8 D 14	4 A
29	d	Term ends	17	45	☾ h D 17. gin-	5
30	e	S. Andrew	1	25	ning	6

November 1688.

The { 10 day at noon h
10 day at 3 afternoon o
4 day at 11 at night o
14 day at 11 at night o
17 day at 5 in the morn. z } is With the Moon.

6	M	18	Sheat sets 20 min. past 4 in the morn.
7		14	Seven Stars rises 7 min. past 4 afternoon.
8		4	Aldebaran south at 1 in the morn.
8		54	Seven Stars south 15 m. after midnighe
9		41	Day 8 hours and an half long.
10		21	
11		6	
11		45	Aldebaran south at 1 in the morn.
12		26	Natalis Lutheri. 1483.
1	A	11	Castor rises 50 min. past 5 at night, and is
1		53	south 30 min. past 3 in the morning.
2		37	Girdle of Andromeda sets at 7 in the morn.
3		26	
4		14	
5		10	Day 8 hours long.
6		3	Seven Stars rises 12 min. past 3 afternoon.
6		55	Seven Stars sets 30 min. past 7 in the morn.
7		47	Seven Stars south 12 min. past 11 at night.
8		34	Aldebaran south about midnight.
9		27	
10		15	
11		6	
11		53	
12		46	If there be such labouring and watching, such
1	M	44	sending and going, such running and riding,
2		44	such spending and praising, such doing and suf-
3		43	fering, to live here a while longer; what should
3		43	we not willingly do and suffer, to live for ever
4		50	with the Blessed. Drexelius.
5		45	Day 7 hours and an half long.

December hath xxxi days.

- ☾ Last quarter the 4 day, 15 min. past 7 at night.
- New moon the 12 day, at 8 at night.
- ☾ First quarter the 20 day, at 2 in the morning.
- Full moon the 26 day, 45 min. past 8 at night.

1	f	Longinus	14	38	☐♂D4△♀D21	7	20	
2	☾	Advent Sund.	27	24	♂☉♀.△♀D18.	8	30	
3	a	Sun rif. 8. 17.	9	48	*♂♀.*♂D17	9	40	
4	b	Barbara	21	55	△♀D14. Tempe-	10	59	
5	c	Sabina	3	48	rate for the season.	12	15	
6	d	Sun set. 3. 42.	15	36	D♀. ☐♀D14.	0	M	
7	e	Agathon	27	24	♂hD13.☐♀D4	1	26	
8	f	Concep. V.M.	9	m 13	D Apog. Frosty.	2	43	
9	☾	2 sun. in Adv	21	12	*♀D19☉♂D0	4	10	
10	a	Sun rif. 8. 19	3	21	♂♀D21. Cold,	5	35	
11	b	Damasus	15	43	frosty, snow, and	6	58	
12	c	Valerius	28	20	*hD11. winter	New		
13	d	Lucia V.	11	v 11	♂♀. like wea-	4	A 43	
14	e	Sun set. 3. 41.	24	17	*☉h.☐hD18.	6	15	
15	f	Abraham	7	m 34	*♀D11. ther.	7	50	
16	☾	3 sun. in Adv.	22	1	☐h♀.☐♂D8.	9	20	
17	a	Lazarus	4	x 37	△hD0☐♀D17	10	51	
18	b	Christoph.	18	20	△♂D18. Variable	12	10	
19	c	Sun rif. 8. 17.	2	v 7	*♀D0*♀D10	0	M	
20	d	Amon	16	11	D♂.△♀D. Fair	1	50	
21	e	S. Thomas	0	8 20	♂hD7.☐♀D4.	3	15	
22	f	Theodose	14	35	D Perigzon. and	4	40	
23	☾	4 sun. in Adv.	28	58	△♀D6.♂♂D6.	5	3	
24	a	Sun set. 3. 44.	13	II 22	△♀D1♂♀D15	7	15	
25	b	Christmas day	27	43	△hD13. freezing	8	14	
26	c	S. Stephen	11	5 49	*♀♂. Fitting	Full		
27	d	S. John Evan.	25	49	☐hD17△♂D17	3	A 50	
28	e	H. Innocents	9	Ω 21	♂♂D19. the sea-	4	49	
29	f	Sun rif. 8. 10.	22	31	△♀D10. son.	6	7	
30	☾	1 after Christ.	5	x 18	*hD0.☐♂D2	7	20	
31	a	Agilvester	17	44	Finis anni Julia, 1688	8	30	

Moons rising.

New

Moons setting.

D. 115.

December 1688.

8 day at 1 in the morn. 6
 9 day at noon 5
 10 day at 9 in the morn. 4
 11 day at 1 in the morn. 3
 12 day at 2 in the morn. 2

} is with the Moon.

6	M	37	Great Dog rises 40 m. past 3 in the morn.
7		26	Seven Stars south 10 min. past 10 at night.
8		14	Orius Girdle south at 2 in the morn.
9		52	Seven Stars sets 18 min. past 6 in the morn.
10		32	Day 8 hours long.
11		12	
12		56	
13		33	
14		16	Lesser Dog south 33 m. past 1 in the morn.
15	A	6	Lesser Dog riseth at 7 at night.
16		57	Day 7 hours 22 min. in the shortest.
17		49	Seven Stars south 30 min. past 9 at night.
18		42	Heart of Hydra south 30 min. past 2 morn.
19		34	
20		28	
21		17	Seven Stars south 8 min. past 9 at night.
22		6	Lions Heart riseth 26 min. past 5 at night.
23		56	Seven Stars sets 16 min. past 5 in the morn.
24		37	Lions Heart south near 1 in the morn.
25		28	Girdle of Andromeda sets 20 m. past 4 morn.
26		18	
27		16	
28		9	
29	M	4	Day 7 hours and an half long.
30		6	
31		10	<i>Tercentum, sex viginti, cum quinquie diebus,</i>
32		10	<i>Sex horas, neque plus integer annus habet.</i>
33		9	Seven Stars south 16 min. past 8 at night.
34		58	Virgins Girdle riseth at 2 in the morn.
35		50	Seven Stars sets 24 min. past 4 in the morn.
36		33	Aldebaran sets 40 min. after midnight.

The Dominion of the Moon in Man's Body

passing under the 12 Signs of the Zodiack.

♈ Aries, Head and Face.

♋ Taurus,
Neck and
Throat.

♋ Cancer,
Breast and
Stomach.

♍ Virgo,
Bowels and
Belly.

♏ Scorpio,
Secret Mem-
bers.

♐ Capricor.
Knees.



♊ Gemini,
Arms and
Shoulders.

♌ Leo,
Heart and
Back.

♎ Libra,
Reins and
Loins.

♐ Sagitt.
Thighs.

♑ Aquari-
Leggs.

♓ Pisces, the Feet.

The Characters of the Seven Planets, with the
Dragons Head and Tail.

♄ Saturn

♃ Jupiter

♂ Mars

☉ Sol

♀ Venus

☿ Mercury

☾ Luna

♈ Dragon Head

♏ Dragon Tail

The Aspects both Old and New.

☿ Conjunction, when Planets are in one Sign and degree.

♋ Semisextile, when they are asunder 1 Sign.

* Sextile, when they are 2 Signs distant.

☿ Quintile, when they are one from another 2 Sig. 12 d.

☿ Quartile, when Planets are distant 3 Signs.

☿ Tridecile, when they are 3 Signs 18 degrees distant.

☿ Trine, when they are parted 4 Signs.

☿ Biquintile, when they are removed 4 Signs 24 degrees.

☿ Quincunx, when they are 5 Signs distant.

☿ Opposition, when they are distant 6 Signs.

Kepler's Definition of an Aspect, Epit. Astron. pag. 840.

Est angulus formatus à radiis luminosis binorum Planetarum, quod terram, efficax ad stimulandam naturam subluxuriam.

WING.

W I N G.

A

PROGNOSTICATION,

for the Year of our

L O R D G O D

1 6 8 8.

Being the Bissextile or Leap-year.

Wherein is contained the time of the Sun's Ingress into *Aries*, with a Figure shewing the position of the Heavens at that time, with the ingress of the Sun into the three other Cardinal points, with a Table shewing the hour of the day by a plain walking-staff; as also a pleasant Chronology of memorable things since the Creation of the World: The Eclipses, with a brief discourse of the shadows and seasons incident to all Nations, as also a description of the visible World, all which will doubtless prove matter of delight, and great satisfaction to all ingenious and industrious persons.

Celi enarrans gloriam Dei fortis & opus manuum indicat expansum eorum. Psal. 19. 1.

C A M B R I D G E,

Printed by John Hayes, Printer to the
University, 1 6 8 8.

Table showing the true Hour of the Day by a plain dial divided into 10 equal parts.

Ho. afternoon Ho. forenoon		1	2	3	4	5	6	7
		11	10	9	8	7	6	5
June	11 11	5	6	7	8	9	10	11
	6 16	5	6	7	8	9	10	11
	1 21	5	6	7	8	9	10	11
	25 27	5	6	7	8	9	10	11
	21 12	5	6	7	8	9	10	11
July	16 7	6	6	8	10	14	20	33
	11 13	6	6	8	10	14	21	35
	5 18	6	7	8	11	15	22	37
	30 23	7	7	9	11	16	23	40
	25 28	7	7	9	12	16	24	43
	20 2	7	8	10	12	17	26	48
August	15 8	8	8	10	13	18	28	54
	9 13	8	9	11	14	19	30	62
	4 18	9	9	11	14	20	33	74
	30 23	10	10	12	15	22	36	92
	25 28	10	11	13	16	24	40	102
September	20 2	11	11	14	18	26	46	102
	15 7	12	12	15	19	28	53	104
	10 13	13	13	16	21	31	62	
	6 17	14	14	17	22	34	76	
	21 22	15	16	18	24	39	97	
	23 28	16	17	20	27	44	133	
October	18 3	17	18	22	29	51	210	
	13 8	19	20	24	33	59		
	8 13	21	21	25	36	70		
	3 18	22	23	28	40	86		
	29 23	24	25	31	46	110		
	24 28	26	27	34	51	145		
November	19 2	28	29	37	59	208		
	14 6	30	32	40	66	344		
	9 11	32	34	44	76	82		
	4 16	34	36	47	86			
	30 21	36	39	51	79			
	25 26	37	41	54	108			
December	21 1	39	42	56	117			
	16 6	39	43	58	124			
	11 11	40	43	59	126			

WING.

1688.

Notice that a Brand for
Quarters a quarter of a part;
for Semis, half, and a for
Parting three quarters of a
part.

To find the true Hour of the Day by the
former Table.

Take a Staff of what length you please, and with a pair
of Compasses divide it into ten equal parts marking
upon the Staff; then in some level place where the
sun doth shine, set it upright, and mark where the end
of the shadow falls; which done, measure with your Staff
the length of the shadow, and note the parts it contains,
and find out in this Table right against the day of
the month, and over head you will find the true hour
of the day; as will appear more clearly by example.

Suppose the 9 of April or 13 of August I should find
the shadow of the Staff to be 30 parts and a quarter of
a part more, that is, three Staffs length, and a quarter
of a part, therefore seeking in the Table, against the said
day, I find 30 9 which is 30 parts and a quarter, and
see over head that it is then either 7 a clock in the
morning, or 5 in the afternoon; so that, if your observa-
tion was in the morning, it was 7 3 but if in the after-
noon, 5 a clock.

Thus the 13 of February, or 8 of October, if the sha-
adow of the Staff be just 19 parts, it is 12 a clock, if
it's one a clock, if 24, two a clock, if the observa-
tion be made in the afternoon.

Thus you see the hour of the Day is exactly and speedi-
ly found, by a Rod or Staff and the help of this Table;
likewise by the Kallender, part may the hour of the
night be known either by the Moon, Planets, or Fixed
Stars, being of excellent use to all sorts of Men.

Wing 1688.

A Compendious Chronology of Memorable things
since the Creation to this Year 1688.

From the Creation of the World.	Juxta	Orientalis Ecclesia tradita Occidentalis Ecclesia tradita Hebraei & Judaei recentiores S. Literas & Hist. fide digniores	Years
Noah's Flood	3981	The rare Art and Myther of PRINTING	618
The destruction of Sodom and Gomorrah	3889	Coaches came into Eng land	544
The destruct. of Troy	2890	The great Massacre France	541
Brute entered this Island of Britain	2795	The Kalen. corrected	10
The build. of London	2795	The Camp at Tilbury Essex	10
The build. of York	2577	K. Charles I. was born	8
The building of Camer- bury	2580	The Powder Treaso Novemb. 5.	8
The building of Stam- ford	2551	The great Frost	8
The bu. of Leicester	2532	The Corner or Blazin Star Novemb. 18.	7
The build. of Rome	2440	King Charles II. wa born	5
Haman was hanged	2140	The great Fight at Lutet in Germany Sept. 6.	5
Alexander died	2008	The long Parliamen gan Novemb. 3.	4
Julius Caesar slain	1731	The great Rebellion Ireland beg. Oct. 23.	4
S. Peter and S. Paul were put to death	1414	Bransford Fight	4
Jerusalem was taken by Titus	1615	Edgehill battel Oct. 23.	4
England received the Christian Faith	1498	The Covenant (that bo of iniquity) taken by Members of the House Commons	4
S. Augustine died	1158	Marston mere Fight	4
Duke William conquered England	622	Newberry Fight	4
S. Paul's Chu. burnt	602		
The 1 Mayor of Lon.	498		
London Bridge was built with Stone	479		
The Invent. of Guns	310		

The

Wing 1688.

The Bishop of Canterbury
beheaded Jan. 10. 43
Nasby Fight June 14. 43
The Scots routed in Lan-
cashire by O. C. 40
K. Charles I. murdered
Jan. 30. 40
D. Hamilton, L. Capel &
R. of Holland beheaded 40
Colchester was taken 40
Worcester fight Sep. 3. 37
The long Parliament was
pulled out by O. C. 35
A great Victory against
the Hollanders 35
Dunkirk delivered to the
English 30
Sir Henry Slingsby and D.
Hewes beheaded 30
Oliver the Tyrant died
Sept. 3. 30
The Lord Monk brought
in the secluded Mem-
bers Feb. 11. 28
The healing Parliament
April 25. 28
Chas. II. happily arrived
to London May 29. 28
King Charles II. Crowned
at Westm. Apr. 23. 27
Two Comets appeared in
four months time 23
The great Plague in Lon-
don wherof died about
100000. 23
A great Fight between the
English and the Dutch,
wherein the Dutch were
beaten July 25. 22

since

The sad and lamentable
Fire in London Sept. 2,
3, 4, 5, 6. 22
Peace with Spain & Den-
mark 21
Peace agreed betwixt the
English & the Dutch 15
The great Snow, it snowed
11 days together 14
St Edmund Bury-Godfrey
was murdered 10
The discovery of the most
horrid Phanatick plot 5
Walcos, Hone, and Rouse
were drawn, hanged and
quartered. 5
The Lord Russel beheaded
for High Treason, July
21. 5
St Thomas Armstrong was
executed. 4
The King and Queen
Crown'd April 23. 3
The rebellion in Scotland
began May 13. 3
The Rebellion in Dorset-
shire began June 11. 3
The Rebels were de-
feated near Bridgewater
in Somersetshire, July
6. 3
The late Duke of Mon-
mouth beheaded for high
Treason July 15. 3
Several of the Rebels
both in England and
Scotland were execu-
ted 3

Wing 1888.

Tempus datum	Longis. Solis				Latit. Solis			
	S.	D.	M.	Min.	S.	D.	M.	Min.
Epocha 1682	9	10	33	48	7	5	3	1
Years add 7	11	29	18	47	7	12	10	10
Month 4		29	18	19				
Day 9		8	52	15				
hour 24		2	52	58				
min. 15			2	2				
Middle motion ☉	11	27	58	02	3	7	13	01
Apselion (ub.	3	7	12	01				
Anomaly ☉	8	22	45	01				
Prosthaph add.		2	1	58				
Locus Solis	100	00	00	00				

Dallas assist me when dare I oppose,
 The snarling Critick's sentence without blows.
 They may perhaps cast dirt at me this year,
 But 'tis not I such silly coxcombs fear.
 Urania is by me respected,
 But by such as these she is rejected.
 Let all malignant brains stop and admire
 The Azure Ganonic, that's rais'd yet higher.
 Above their graveling souls, as all men know,
 That live upon this earthly Globe below.
 I'm still resolv'd to serve my Country friend,
 In writing Annual books untill my end.
 To all ingenious souls I send you see
 Who am more yours then I can seem to be.

Of the Spring Quarter.

THE Revolution of the Year, takes always its beginning
 at the glorious birth of light (the Sun) enters into
 the first sign of the Equinoctial Sign, which will be
 this present Year on Friday the 19 day of March, as the
 preceding Calculation and following Scheme, (better then
 many words) doth demonstrate. In the Scheme is some

Mappa Coelestis
 cenſura
 1688.
 March 9d 1h 59m 00s
 poſt meridiem.
 Latitude 52d 41'.
 Cor. Leon.
 Famehant.
 Antenn.
 Cauda Sc.

rankable positions and configurations, and may have as remarkable effects, but in what kind I must not say, but in time that must unvail these Mysteries, but do tell my Countrymen that the Stars do not premonstrate such a to our *English* *Sion* as many perhaps may think. Since predictions are out of Fashion, I must consider something else, both for the Pleasure and Profit of my Readers, but before I enter upon my designed work I plainly tell thee that it often times appears the Almighty God, by his immediate hand, brings about his purposes which cannot be fore-seen by any mortal men. And it is certain, that never any living upon the Earth

Earth could ever yet exactly obtain the true Place and Motion of the Caelestial bodies, much less prognosticate and judge of their Effects. *Quid enim est familiaris homini quam hallucinari ac errare.* And so long as we are but Men, we must be Subject to Errors and Infirmities. *Estque sapientia necessaria bonis mensibus,* (said Melancthon) *sive Deum non alligatum esse ad causas secundas, sed liberrime stetero mentes hominum salutaria consilia, etiamsi natura inclinationes terra mutantur.*

*Sidera corporibus praesunt caelestia nostris,
Influxuque regunt cuncta elementa suo:
Gogere sed nequeunt animam ratione fruentem,
Namque sub imperio solius illa Dei est.*

What other Apologies might here be used I shall now consider, but do wish with my whole heart that love and amity were more in fashion amongst us, and a speed suppression of such unlawful Vices as now abound: Let us consider how long the Lord hath fore-warned us by his Instruments, his Heavenly Militia; then let us no more provoke the Lord of life, but humbly submit our selves to his divine Will and Pleasure, which the God of peace and mercy grant, and give us thankfull and obedient hearts humbly to embrace the glad tidings of his holy Gospel.

Of the Summer Quarter.

As the Summer Quarter doth always commence when our Earthly Star enters into the first point of the place of the Sun from the Earth being the first entering making our longest Day and shortest Night, which will come to pass on Trinity Sunday, being the 19 day of June, at 4 hours 30 min. after noon.

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The Weather will be in all respects suitable to the Season, so that I need not here trouble my readers with any tedious discourse.

Of the Autumn Quarter.

THE Autumn or Harvest Quarter beginneth at such time as the Sun toucheth the first scruple of the Equinoctial Sign π , or more really when the Earth enters γ , hath volved her self at right angles with the Sun, and receiveth a like portion of Light and Darkness, which either way taken, falleth out this Year upon *Wednesday* the 12 day of *September*, near 8 in the morning.

The beginning of this Quarter produceth gentle winds with some hot gleams, towards the middle somewhat ridged with storms, but the latter end proveth more temperate and pleasing.

Of the Winter Quarter.

THE Winter Quarter makes its entrance at such time as the Earth by its circumrotation hath volved it self to the greatest Northern inclination, whereby we being furthest debested from the Suns Raies, receive least light, which causes our shortest Day and longest Night, or (according to appearance) when the Sun enters $\gamma\gamma$, which either way taken, falls this Year upon *Monday* the 10 day of *December* at 8 of the Clock at night.

This Quarter begins with cold rain or snow and such winter like weather, towards the middle thereof fair and freezing, but the latter end will be extreme in its kind.

But to comfort our selves a little I hope it will prove a sound and healthfull Quarter both to Man and Beast.

of

Wing 1688.

Of the Eclipses this Year 1688.

QUATUOR hoc anno celebrantur Eclipsia. According to the most accurate Calculations Astronomical, there will be four Eclipses of the two great Luminaries within the perimeter of this present Year 1688; namely twice shall this Primary Planet the Earth which we inhabit, be in part deprived of the Suns illuminating presence, by the interposition of the opscous body of the Moon; which about the the Earth performs her mensrual Revolution; whereby it will fall out that those People that live in the obscured parts of the Earth, shall see the Sun appear in part darkned according to the transit of the Penumbra over the Earths Disc, or illuminated superficies: Besides these Eclipses of the Earth (or the Sun if you will) this terrene body the Earth will twice deprive the Moon of some part of her Sun borrowed lusture, by reason of her interposition between them, notwithstanding only the last Eclipse which is of the Sun will be seen in the Horizon of great Britain. They are as followeth.

The first will be of the Moon, April the 5 day, neer 6 of the Clock in the Evening; the bo'y of the Moon being more then half darkned, but cannot be seen of us, the Moon being under the Earth.

The second Eclipse will be of the greater Luminarie the Sun, on the 30 day of April a little after midnight; therefore invisible to us, but may be seen by our Antipodes and Perlaeis, and by them that are distant from us 6 hours, as well towards the East, as towards the West, viz. in the East Indies, China, Mexico, the East part of Peru, as also the Islands of Sumatra, Java Berna, Molacca new Guinea the Eastern Maccallonic.

The third defect is of the Moon September the 29 day, at 10 of the Clock in the Morning; but not seen of us.

The fourth and last Eclipse is of the greater light the Sun, on October the 14 day; the middle whereof is neer 7 of the Clock in the Morning; therefore tis only the latter part of the said Eclipse which will be visible in our Hemisphere, if Clouds interpose not; the former part of it cannot be seen of us by reason the Eclipse begins before the Sun rises.

I. Of the diversity of Seasons and Shadows incident to all Nations.

THE People that have their Zenith placed in the Equinoctial, have 2 Summers and 2 Winters in 1 Year, because that when the Sun is in γ , he passeth directly over their heads at noon, and likewise when he is in π : In like manner they have 1 Winter when the Sun is in ζ , which is the Summer; and 1 Winter when the Sun is in ν , which is the Summer; nevertheless their Winters are not comparable to ours. Moreover they have sundry shadows, for when the Sun is in the Equinox, at noon they have no shadow; when he is in the Northern Signs, then they cast them at noon towards the South; and when he is in the Southern Signs, they cast them towards the North; and because these People live in a right Sphere, their artificial Day is always 12 hours without variation. Such are the People who live in the Islands of Sumatra, Borneo in America, S. Thomas, and the Southern part of East India, &c.

II. Of them who live between the Equinoctial and Tropic of Cancer.

They have likewise the Sun passing by the Zenith of their heads twice in a Year, so that they have also 2 Summers, 2 winters, and 3 Shadows, as they have that inhabit under the Equinoctial. Under this parallel are the Philippines and Molucca Islands, the Gulf of Bengala, Guinea, Mexico, New Spain, East India, &c.

III. Of them who live right under the Tropic of Cancer.

Those People whose Zenith is in the Tropic of ζ , have but 1 Summer and 1 Winter in a Year, for when the Sun is in ζ , he is directly over their heads at noon, and their shadow is perpendicular, inclining on neither hand, and when the Sun is in ν , he is farthest removed from them, and then is their Winter, which is not so cold as ours. Under this Climate is the City of Syene placed.

IV. Of them who dwell between the Tropic of Cancer, and the Circle Arctick.

Those People whose Zenith is between the Tropic of ζ and the Circle Arctick, have the Sun never verticall over their

their heads, because he is no sooner attained to his greatest Altitude, but immediately he returneth again Southward; and therefore their Shadow at noon always tends towards the North, and in this parallel are we situate, and is the greatest part of the habitable World.

V. *Of those that live under the Circle Arctick.*

Those People whose Zenith is placed in the Circle Arctick, have their Zenith in the Pole of the Zodiack, and the Ecliptick in the Horizon; in so much that the Tropick of \odot is all above the Horizon, and the Tropick of φ all under it, so that the Sun being in the first point of \odot , their artificial day is just 24 hours, and their night nothing; for then (at the time of our midnight) they have the Sun in the North, touching the Horizon, from whence he begins to ascend immediately towards the East again; so contrariwise is it to them when the Sun is in the first point of φ , for then their night is 24 hours, and their day nothing: Under this parallel lye *Sweibland, Lapland, Finmark, Russia, part of Muscovia, Great Tartaria, Island, the Kingdom of Anian, &c.*

VI. *Of those that dwell between the Circle Arctick, and the Pole of the World.*

Those People that inhabit this part of the World have the Horizon cutting the Zodiack in 2 points equally distant from the beginning of \odot , so that the portion of the Zodiack intercepted of them, remains always above the Horizon, in which place, when the Sun is, they have continuall day and no night; therefore if the said intercepted portion be 1 Sign, their day is a month long without night; if 2 Signs, then 2 months long; and so the farther North the longer days, till you come under the North Pole, where it is half a Year long without night; and on the contrary you must observe that the like portion of the Zodiack equidistant from the beginning of φ is always hid under the Horizon, and the night is long and short, according to the quantity thereof: In this part of the World lye *Nova Zembla, Greenland, Groeland, &c.*

VII. *Of those that dwell nighs under the North Pole.*

Those People (if there be any) have the Pole for their Zenith, and the Equinoctial for the Horizon; so that

The Northern Signs are always above the Horizon, and the Southern always under it; from whence it follows, that when the Sun is in that half of the Zodiack, viz. from γ to π , it is continual day without night; half a Year together; but when it is in the other half, it is continual night without day: And because the Sun is never Elevated upon their Horizon above $23\frac{1}{2}$ degrees, it follows that their day is intollerably cold at all times, and their Air grosse, dark and cloudy, for which cause whether any People inhabit there it is uncertain.

Of the order and form of the visible World.

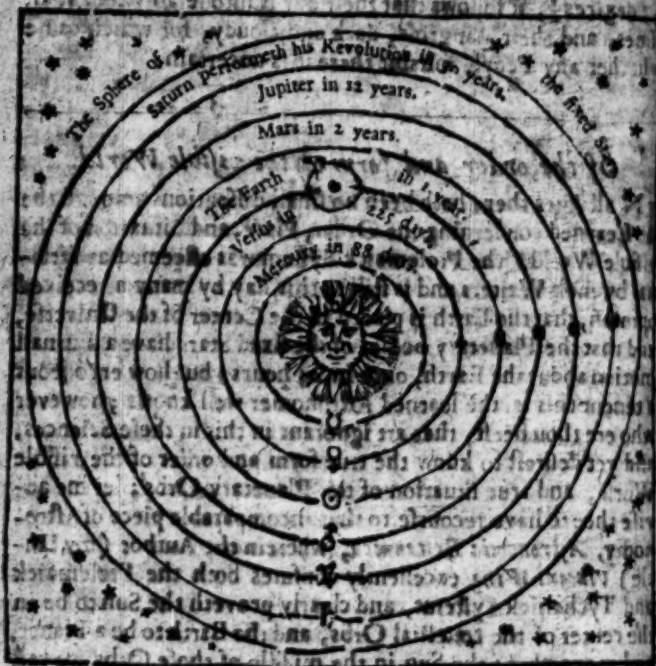
In all Ages there hath been no small dissensions amongst the Learned concerning the Order, Place, and Situation of the whole World: the Ptolemaick System was esteemed as rational by most Writers and is still to this day by many a received opinion, that the Earth is placed in the Center of the Universe, and that the Planetary bodies of the fixed Stars have a diurnall motion about the Earth, once in 24 hours; but how erroneous and untrue this is, the learned Astronomer well knows; however who ere thou beest, that art Ignorant in this in these Sciences, and yet desirest to know the true form and order of the visible World, and true situation of the Planetary Orbs; let me advise thee to have recourse to that incomparable piece of Astronomy, *Astronomia Britannica*, wherein the Author (my Uncle) *Vincens Wing* excellently confutes both the Ptolemaick and Tychonick Systems, and clearly proveth the Sun to be in the center of the celestial Orbs, and the Earth to be a Planet, and move about the Sun in the middle of those Orbs we call celestial, but because I cannot in this 1 sheet make any ample discourse hereon, I shall therefore (for a larger view) refer my reader (that only understands English) to my almanack published 1685, where he shall find such real and evident demonstrations, as I doubt not but will make him acknowledge the verity of our Hypothesis. The principles of the doctrine there delivered are these six.

1. That the Sun is placed in the middle of the World, in or about the center of the Sphere of the fixed Stars, and hath no circular motion, but central only.
2. That

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2. That the primary Planets are each of them in their proper Orbs, moved about the Sun, and accomplish their periodical Revolutions, most exactly in their appointed times.

3. That the Earth is one of the Planets, and (by her annual motion about the Sun,) describeth her Orb in the middle, between the Orbs of Mars and Venus.



4. That the secondary Planets are ordinarily moved about the primary Planets respecting their boyles for their common Nodes or Centers.

5. That the secondary Planet the Moon, is moved about the Earth, as her Center; whereby the annual motion of the Earth hath not only relation to the Earth, but by consequence to the Center of the whole Sphere of the Earthy Planet.

6. That as this primary Planet, the Earth is environed with

the Sphere of the Moon, so is some (if not all) of the
primary Planets, who have in like manner their Moons
or Laterones encompassing them.

That the reader may the better discern the true intent of
this Hypothesis, I have added the fore going Syllem, whereby
you may perceive how the Sun is placed in the very Center,
and so whom in the first Sphere I placed \odot , then \odot . In the
second Orbe moves the Earth, and about the Earth wheels the
secondary Planet the Moon in her Orbe, which is like to an
epicycle, whose Center is carried in the circumference of the
first Orbe. Above the Orbe of the Earth is δ , who being
in conjunction with the Sun, is never less then 11881848 Ita-
lian miles distant from the Earth, but in opposition of the Sun
and shining in the night time, he is never above 3433760 Ita-
lian miles distant; and this is the reason he appears so excee-
ding great when he is in Opposition of the Sun, and so very
small when he is in Conjunction with him: the true cause of
which Phenomena was altogether unknown unto Ptolomy, and
tho some now a days who are so refractory they cannot ad-
mit of truth. The fifth Sphere belongs to χ , who hath 4 vi-
sible Guardians encompassing him: And above him in the sixth
Orbe moves η , with his 2 Laterones, and then from his
Orbe to the fixed Stars, there is an immense space, but whe-
ther it be void of Stars or no, I cannot say.

Doubtless this is the genuine Type of the visible world, by
the knowledge and assistance whereof the true motions of all
the Planets may exactly be described according to those laws
the nature hath assigned them, but taking this away and fail-
ing any other, we must then fall into a multitude of most
gross and palpable absurdities, being driven to imagine such
visions, Circles and Motions, as are not in nature; that so
by the help of them, we may in some measure come to supply
what this really performs without them; as you may plainly
understand by *Astronomia Britannica*, to which I refer you.

*Quum respicio Caelos tuos, opae digitorum tuorum: Lunam
et Stellae quas statuisti: quid est mirabile, quod memor sis
mei et filii domini, quod visitas eum. Psal. 8, v. 4, 5.*

leany

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I cannot with *Josuah de Sacro Bosco*, *Merula*, and other Aristotelian Philosophers, be so bold and audacious as to defend that erroneous Doctrine, that teacheth that the Sun, Moon, & fixed Stars are moved once about the Earth in the space of 24 hours, and that a Star is densior pars sui Orbis, the thickest part of its Orbe, and of the same matter, being fixed therein, as a knot in a wheel; and so by the rapid motion thereof it maketh its Diurnal circumgyration: according to which erroneous supposition the ancient Astronomers framed the System of the World, as we find it set forth by *Aristotle* and his followers; whereupon *Ptolemy* framed his Hypothesis, which in the succeeding ages of the World was embraced in all Nations, till a little after the Year 1500, at which time *Copernicus* a *Prussian*, finding how inconsistent it was to that genuine System of the World set forth and maintained by *Heraclitus*, *Pythagoras*, *Aristarchus* and others, as the only true one: he finding the same destitute of real demonstrations, did use his utmost endeavour to discover the truth; and afterwards *1543*, did make it appear by Geometrical demonstrations, that the Sun (the fountain of Light) was not in the Center of our Planetary System, about whom all the Planets perform their course in fluid Orbs: which rare discovery of the truth, having received the good approbation of all the most learned Divines, Philosophers and Mathematicians in Europe: I hope there is none so adverse to reason, and such clear demonstrations, but will assent to the naked truth unanimously received and retained by all the learned Astronomers of this and the last age; however those that are yet unsatisfied, may peruse the works of *Galileo*, wherein they may receive great satisfaction, as well in point of Art, as in those Scripture expressions, which seem to imply the contrary; in the mean time what is here delivered is sufficient to evince the truth of these and our former demonstrations in this matter.

Printed in the County
of Middlesex, April 1687.

John Wing.

FINIS.